

Appendix A

ACRONYMS

AFCEE	Air Force Center for Environmental Excellence
APG	Aberdeen Proving Ground
ARAR	Applicable or relevant and appropriate requirement
ASM	Adaptive Site Management
ASTD	Accelerated Site Technology Deployment
ASTM	American Society for Testing and Materials
BGS	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylene
BRAC	Base Realignment and Closure
CAD	Confined aquatic disposal
CDF	Confined disposal facility
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	Constituent of concern
CVOC	Chlorinated volatile organic compound
DCE	Dichloroethylene
DNAPL	Dense nonaqueous phase liquid
DOD	Department of Defense
DOE	Department of Energy
EPA	Environmental Protection Agency
ESTCP	Environmental Security Technology Certification Program
ETV	Environmental Technology Verification Program

FFERDC	Federal Facilities Environmental Restoration Dialogue Committee
FRTR	Federal Remediation Technologies Roundtable
GAO	General Accounting Office
GIS	Geographic information systems
GWETER	Groundwater Extraction and Treatment Effectiveness Review
GWRTAC	Ground-Water Remediation Technologies Analysis Center
HSRC	Hazardous Substance Research Center
ISTD	<i>In situ</i> thermal desorption
LIBS	Laser-induced breakdown spectroscopy
LIF	Laser induced fluorescence
LNAPL	Light non-aqueous phase liquid
MAROS	Monitoring and Remediation Optimization System
MCL	Maximum contaminant level
MDP	Management decision period
MIP	Membrane interface probe
MNA	Monitored natural attenuation
MTBE	Methyltertbutylether
NAPL	Nonaqueous phase liquid
NETTS	National Environmental Technology Test Site
NFESC	Naval Facilities Engineering Service Center
NCP	National Contingency Plan
NPL	National Priorities List
NRC	National Research Council
ISO	<i>In situ</i> chemical oxidation
ONR	Office of Naval Research
PAH	Polyaromatic hydrocarbon
PCB	Polychlorinated biphenyl
PCE	Perchloroethylene
PRB	Permeable reactive barrier
PRP	Potentially responsible party
PVC	Polyvinyl chloride
RAB	Restoration Advisory Board
RCRA	Resource Conservation and Recovery Act
RPM	Remedial project manager
ROD	Record of Decision
RTDF	Remediation Technology Development Forum
SARA	Superfund Amendments and Reauthorization Act
SBRP	Superfund Basic Research Program

SCAPS	Site Characterization and Analysis Penetrometer System
SCM	Site conceptual model
SEAR	Surfactant enhanced aquifer remediation
SERDP	Strategic Environmental Research and Development Program
SITE	Superfund Innovative Technology Evaluation
SVE	Soil vapor extraction
SVOC	Semi-volatile organic compound
SWAC	Surface area weighted average concentration
TCE	Trichloroethylene
TI	Technical impracticability
TIO	Technology Innovation Office
UAD	Unconfined aquatic disposal
UPL	Upland disposal
UPS	Upland secure disposal
USAFRL	U.S. Air Force Research Laboratory
VC	Vinyl chloride
VOC	Volatile organic compound
XRF	X-ray fluorescence spectrometry

